

Title (en)

IMPROVED LASER CUTTING PROCESS FOR FORMING STENTS

Title (de)

VERBESSERTER LASERSCHNEIDPROZESS ZUR HERSTELLUNG VON STENTS

Title (fr)

PROCÉDÉ AMÉLIORÉ DE COUPE AU LASER POUR FORMER DES STENTS

Publication

EP 2393625 A1 20111214 (EN)

Application

EP 10704452 A 20100203

Priority

- US 2010023064 W 20100203
- US 14963009 P 20090203
- US 14966409 P 20090203
- US 14966709 P 20090203

Abstract (en)

[origin: US2010193483A1] Systems and methods for improving the cutting efficiency and cut profile of stent strut is provided. A means for altering the energy distribution of a laser beam is provided, along with various ways of controlling a laser to provide for improved strut configurations are provided. A method for improved cutting speeds using a combination of laser sources is also provided.

IPC 8 full level

A61F 2/90 (2006.01); **B23K 26/06** (2006.01); **B23K 26/36** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2010091093A1

Designated contracting state (EPC)

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US 2010193483 A1 20100805; **US 8872062 B2 20141028**; EP 2393625 A1 20111214; US 2015028008 A1 20150129; WO 2010091093 A1 20100812

DOCDB simple family (application)

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